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JAMECO® ELECTRONICS

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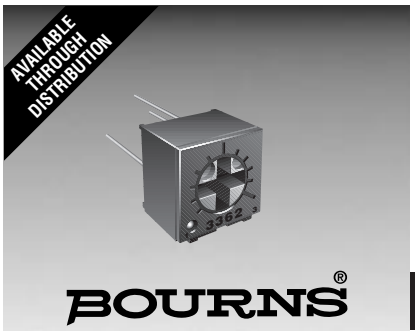


BOURNS®

Features

- Single-Turn / Cermet / Industrial / Sealed
- Miniature package
- Rotor designed for automatic machine adjust interface
- Withstands harsh environments and immersion cleaning processes
- Available on tape and reel packaging (see page 71)

Jameco Part Number 182836

3362 - 1/4" Square Trimming Potentiometer

Electrical Characteristics

Standard Resistance Range
.....10 to 2 megohms
(see standard resistance table)
Resistance Tolerance .....±10% std.
(tighter tolerance available)
Absolute Minimum Resistance
.....1% or 2 ohms
(whichever is greater)
Contact Resistance Variation
.....1% or 3 ohms max.
(whichever is greater)
Adjustability
Voltage .....±0.05%
Resistance .....±0.15%
Resolution.....Infinite
Insulation Resistance .....500 vdc.
1,000 megohms min.
Dielectric Strength
Sea Level .....900 vac
80,000 Feet .....350 vac
Adjustment Angle .....240° nom.

Environmental Characteristics

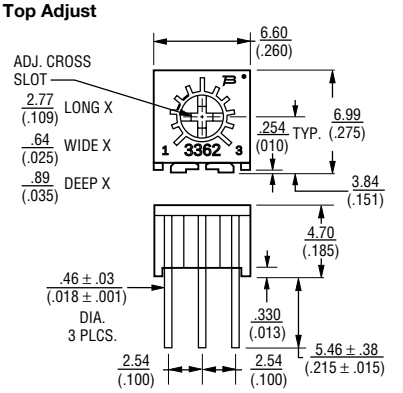
Power Rating (300 volts max.)
70°C.....0.50 watt
125°C.....0 watt
Temperature Range
.....-55°C to +125°C
Temperature Coefficient
.....±100ppm/°C
Seal Test .....85°C Fluorinert*
Humidity.....MIL-STD-202 Method 103
96 hours
(2% ΔTR; 10 Megohms IR)
Vibration.....30G (1% ΔTR; 1% ΔVR)
Shock.....100G (1% ΔTR; 1% ΔVR)
Load Life
.....1,000 hours 0.5 watt @ 70°C
(3% ΔTR; 3% or 3 ohms,
whichever is greater, CRV)
Rotational Life.....200 cycles
(4% ΔTR; 3% or 3 ohms,
whichever is greater, CRV)

Physical Characteristics

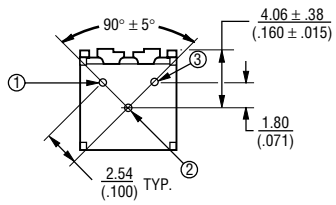
Mechanical Angle .....270° nom.
Torque .....3.0 oz-in. max.
Stop Strength .....7.0 oz -in. min.
Terminals .....Solderable pins
Weight .....0.02 oz.
Marking .....Resistance code,
terminal numbers, manufacturer's
model number, style
and date code
Wiper .....Positioned at 50% nominal
Flammability .....U.L. 94V-0
Standard Packaging .....50 pcs. per tube
Adjustment Tool H-90

*"FLUORINERT" IS A REGISTERED TRADEMARK OF 3M CO.

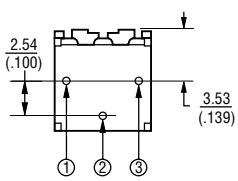
Common Dimensions
Top Adjust



3362H



3362P



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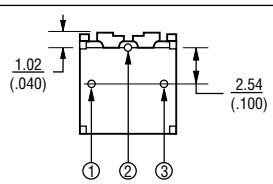
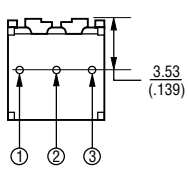


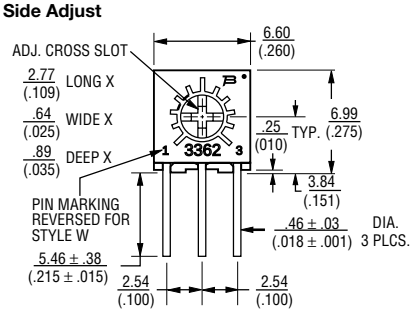
3362U



TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: METRIC / (INCHES)

Common Dimensions
Side Adjust



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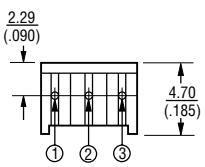

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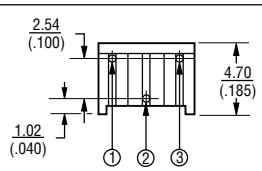

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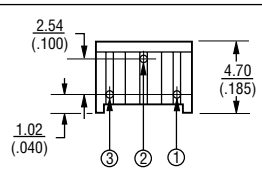
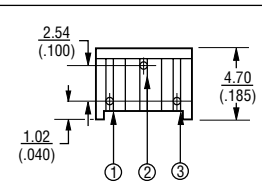


3362X



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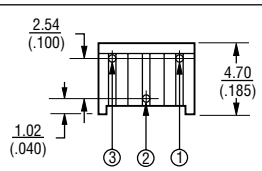

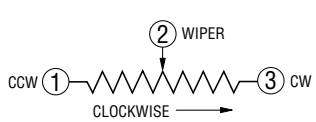

Specifications are subject to change without notice.

3362 - 1/4” Square Trimming Potentiometer

BOURNS®

How to Order

3362 P - 1 - 502

Model

Style

Standard or Modified Product Indicator
-1 = Standard Product

Resistance Code

Consult factory for other available options.

Standard Resistance Table

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	**101**
200	**201**
500	**501**
1,000	**102**
2,000	**202**
5,000	**502**
10,000	**103**
20,000	**203**
25,000	**253**
50,000	**503**
100,000	**104**
200,000	204
250,000	254
500,000	504
1,000,000	105
2,000,000	205

Popular values listed in boldface. Special resistances available.

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